

217/782-2113

FEDERALLY ENFORCEABLE STATE OPERATING PERMIT - RENEWAL

PERMITTEE

Pride Metal Products LLC
Attn: Mr. Darrin Crook
475 Veterans Parkway
Watseka, Illinois 60970

Application No.: 91080068

I.D. No.: 075090ABC

Applicant's Designation:

Date Received: July 13, 2004

Subject: Metal Fabricating and Finishing Lines

Date Issued: September 28, 2004

Expiration Date: September 28, 2009

Location: 475 Veterans Parkway, Watseka

This permit is hereby granted to the above-designated Permittee to OPERATE emission unit(s) and/or air pollution control equipment consisting of two powder coating lines and wet painting operation with filters pursuant to the above-referenced application. This Permit is subject to standard conditions attached hereto and the following special condition(s):

- 1a. This federally enforceable state operating permit is issued to limit the emissions of air pollutants from the source to less than major source thresholds (i.e., 100 tons/year of VOM, 10 tons/year for a single HAP and 25 tons/year for combined HAPs). As a result the source is excluded from the requirement to obtain a Clean Air Act Permit Program (CAAPP) permit. The maximum emissions of this source, as limited by the conditions of this permit, are described in Attachment A.
- b. Prior to issuance, a draft of this permit has undergone a public notice and comment period.
- c. This permit supersedes all operating permits issued for this location.
- 2a. Operations and emissions from the wet coating operations including clean-up shall not exceed the following limits:

<u>Material</u>	<u>VOM Usage and Emissions</u>	
	<u>(Ton/Mo)</u>	<u>(Ton/Yr)</u>
All Paints and Solvents	7.5	75

- b. Coatings, as applied, including thinner or makeup solvent, shall not exceed 3.5 lb of VOM per gallon of coating pursuant to 35 Ill. Adm. Code 215.204(j) (3).
- c. The emissions of Hazardous Air Pollutants (HAPs) as listed in Section 112(b) of the Clean Air Act shall not equal or exceed 10 tons per year of any single HAP or 25 tons per year of any combination of such HAPs, or such lesser quantity as USEPA may establish in rule which would require the Permittee to obtain a CAAPP permit from the Illinois EPA. As a result of this condition, this permit is issued based on the emissions of any HAP from this source not triggering the requirement to obtain a CAAPP permit from the Illinois EPA.

- d. For purposes of determining fees, this permit is issued based on the use of organic HAPs only. Therefore, the HAP limits in this permit are a part of the VOM limits.
- e. Compliance with annual limits shall be determined on a monthly basis from the sum of the data from the previous month plus the preceding 11 months (i.e., a 12 month running total).
3. This permit is issued based on negligible emissions of particulate matter from dry and wet coating operations controlled by filters. For this purpose, emissions from dry coating operations shall not exceed nominal emission rates of 0.1 lb/hour and 0.44 ton/year per powder coating line, and emissions from wet coating operations shall not exceed nominal emission rates of 0.55 lb/hour and 2.4 ton/year.
4. Emissions and operation of all natural gas combustion units, including phosphate washer line heaters, drying ovens, curing ovens and gas-fired heaters, shall not exceed the following:

Natural Gas Usage		E M I S S I O N S		E M I S S I O N S		E M I S S I O N S	
(mmscf/Mo)	(mmscf/Yr)	NO _x		CO		VOM	
		(T/Mo)	(T/Yr)	(T/Mo)	(T/Yr)	(T/Mo)	(T/Yr)
23.6	236	1.2	11.8	1.0	9.9	0.07	0.7

These limits are based on standard AP-42 emission factors. Compliance with annual limits shall be determined from a running total of 12 months of data.

- 5a. The Permittee shall maintain records of the following items:
 - i. Natural gas combustion;
 - ii. Usage of each coating and solvent (gal/month and gal/year for wet coatings and solvents; lb/month and lb/yr for powder coatings);
 - iii. VOM and HAP content of each coating and solvent (lb/gal or wt %); and
 - iv. VOM, single HAP and total HAPs usage and emissions (ton/month and ton/year).
- b. All records and logs required by this permit shall be retained at a readily accessible location at the source for at least three years from the date of entry and shall be made available for inspection and copying by the Illinois EPA or USEPA upon request. Any records retained in an electronic format (e.g., computer) shall be capable of being retrieved and printed on paper during normal source office hours so as to be able to respond to an Illinois EPA or USEPA request for records during the course of a source inspection.
6. If there is an exceedance of the requirements of this permit as determined by the records required by this permit, the Permittee shall submit a report to the Illinois EPA's Compliance Section in Springfield, Illinois within 30 days after the exceedance. The report shall include the emissions released in accordance with the recordkeeping requirements, a copy of the relevant records, and a description of the exceedance or violation and efforts to reduce emissions and future occurrences.

7. Two (2) copies of required reports and notifications concerning equipment operation or repairs, performance testing or a continuous monitoring system shall be sent to:

Illinois Environmental Protection Agency
Division of Air Pollution Control
Compliance Section (#40)
P.O. Box 19276
Springfield, Illinois 62794-9276

and one (1) copy shall be sent to the Illinois EPA's regional office at the following address unless otherwise indicated:

Illinois Environmental Protection Agency
Division of Air Pollution Control
2009 Mall Street
Collinsville, Illinois 62234

8. The Permittee shall submit the following additional information with the Annual Emissions Report, due May 1st of each year: paint, solvent, and thinner usage. If there have been no exceedances during the prior calendar year, the Annual Emission Report shall include a statement to that effect.

It should be noted that the phosphate washers and welding operations are exempt from state permit requirements pursuant to 35 Ill. Adm. Code 201.146(o) and (y), respectively.

If you have any questions on this, please call Randy Solomon at 217/782-2113.

Donald E. Sutton, P.E.
Manager, Permit Section
Division of Air Pollution Control

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cc: Illinois EPA, FOS Region 3
Illinois EPA, Compliance Section
USEPA
Lotus Notes

Attachment A - Emission Summary

This attachment provides a summary of the maximum emissions from the coating plant, operating in compliance with the requirements of this federally enforceable permit. In preparing this summary, the Illinois EPA used the annual operating scenario which results in maximum emissions from such a plant. This is handling 75 tons per year of VOM and HAPs. The resulting maximum emissions are just below the levels, 100 tons per year of VOM, well below 10 tons per year of a single HAP and 25 tons per year of combined HAPs at which this source would be considered a major source for purposes of the Clean Air Act Permit Program. Actual emissions from this source will be less than predicted in this summary to the extent that less material is handled, coatings used and control measures are more effective than required in this permit.

<u>VOM</u> <u>(Ton/Year)</u>	<u>PM</u> <u>(Ton/Year)</u>	<u>NO_x</u> <u>(Ton/Year)</u>	<u>CO</u> <u>(Ton/Year)</u>	<u>HAPs</u>	
				<u>Single</u> <u>(Ton/Year)</u>	<u>Combined</u> <u>(Ton/Year)</u>
75.7	3.3	11.8	9.9	< 10	< 25

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